

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

+

**Complete if Known**

Application Number	09/732,452
Filing Date	Dec 06, 2000
First Named Inventor	Miller
Group Art Unit	2127
Examiner Name	FOLLANSBEE, JOHN A
Attorney Docket Number	MS1-632US

Sheet 1 of 1

[illegible][illegible]

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

+

A circular black and white stamp. The text "OIP" is at the top, "JCI41" is at the top right, "NOV 24 2003" is in the center, and "PATENT & TRADEMARK OFFICE" is at the bottom.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	09/732,452
Filing Date	Dec 06, 2000
First Named Inventor	Miller
Group Art Unit	2100
Examiner Name	GRANT, WILLIAM ALEXANDER
Attorney Docket Number	MS1-632US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.†	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code² (if known)			
VN		5,584,006		Reber et al.	12/10/1996	
		5,682,326		Klingler et al	10/28/1997	
		5,818,542		Harnois	10/06/1998	
		5,892,506		Hermanson	04/06/1999	
		5,930,797		Hill	07/27/1999	
		5,999,173		Ubillos	12/07/1999	
		6,069,668		Woodham, Jr. et al.	05/30/2000	
		6,130,676		Wise et al.	10/10/2000	
		6,544,293		Ohanian	04/08/2003	
		6,571,255		Gonsalves et al.	05/27/2003	
		2003/0018506		McLean et al.	01/23/2003	
		2002/0026507		Sears et al	02/28/2002	
		5,961,602		Thompson et al.	10/05/1999	
		6,253,288		McAllister et al.	06/26/2001	
		6,510,458		Berstis et al.	01/21/2003	
		6,226,642		Beranek et al.	05/01/2001	
VN		6,442,658		Hunt et al.	08/27/2002	

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

VAN H. NGUYEN

Date Considered

9/14/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

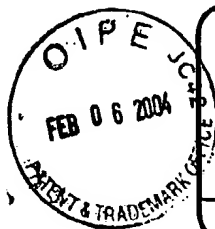
Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

+

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

+

**Complete if Known**

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	1
-------	---	----	---

Application Number	09/732,452
Filing Date	Dec 06, 2000
First Named Inventor	Miller
Group Art Unit	2127
Examiner Name	VO, LILIAN
Attorney Docket Number	MS1-632US

U.S. PATENT DOCUMENTS

[illegible]

RECEIVED

FEB 10 2004

Technology Center 2100

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

VAN H. NGUYEN

Date
Considered

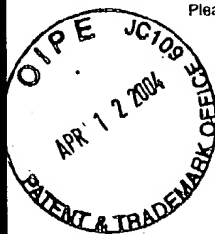
9/14/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

+



Complete if Known

(use as many sheets as necessary)

Sheet	1	of	1
-------	---	----	---

Application Number	09/732,452
Filing Date	Dec 06, 2000
First Named Inventor	Miller
Group Art Unit	2126
Examiner Name	NGUYEN, VAN H
Attorney Docket Number	MS1-632US

[illegible][illegible]

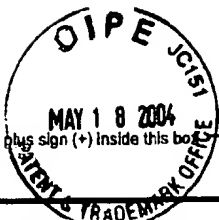
9/14/04

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.

BEST AVAILABLE COPY



Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	1
-------	---	----	---

Complete If Known

Application Number	09/732,452
Filing Date	Dec 06, 2000
First Named Inventor	Miller
Group Art Unit	2126
Examiner Name	NGUYEN, VAN H
Attorney Docket Number	MS1-632US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² <i>(if known)</i>			
VN		6,378,035		Parry et al.	04-23-2002	
		6,535,920		Parry et al.	03-18-2003	
		6,519,288		Vetro et al.	02-11-2003	
		6,209,041		Shaw et al.	03-27-2001	
		6,212,574		O'Rourke et al.	04-03-2001	
		6,205,492		Shaw et al.	03-20-2001	
		6,389,483		Larsson	05-14-2002	
		6,658,477		Lisitsa et al.	12-02-2003	
		2002/0002708		Arye	01-03-2002	
		2002/0097256		Miller et al.	07-25-2002	
		2002/0097257		Miller et al.	07-25-2002	
		5,790,935		Payton	08-04-1998	
		6,502,137		Peterson et al.	12-31-2002	
		6,581,102		Amini et al.	06-17-2003	
VN		6,683,696		Urie et al.	01-27-2004	

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

VAN H. NGUYEN

Date
Considered

9/14/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.